

EDUCATIONAL EXAMINERS BOARD[282]

Adopted and Filed

Pursuant to the authority of Iowa Code section 272.2, the Board of Educational Examiners hereby amends Chapter 17, "Career and Technical Endorsements and Licenses," Iowa Administrative Code.

A representative group of Iowa high school agriculture teachers and professors in the Iowa State University Agriculture Education Department met to examine the current requirements for the agriculture endorsements and to propose amendments to those requirements. Agriculture has changed a great deal since the career and technical agricultural sciences and agribusiness endorsement was adopted; therefore, the amendment updates the requirements for the agricultural sciences and agribusiness endorsement.

Notice of Intended Action was published in the Iowa Administrative Bulletin on September 9, 2009, as **ARC 8130B**. A public hearing on the amendment was held on Wednesday, September 30, 2009. No one attended the public hearing, and no written comments were received. This amendment is identical to that published under Notice.

This amendment is intended to implement Iowa Code chapter 272.

This amendment will become effective January 20, 2010.

The following amendment is adopted.

Amend paragraph **17.1(1)"a"** as follows:

a. Agricultural sciences and agribusiness. ~~Completion of 24 semester hours in agricultural business management or economics, agricultural mechanics, agronomy, animal science, and horticulture. One thousand hours of work experience in one or more agriculture-related occupations. Coursework in agriculture education to include foundations of career and technical education, planning and implementing courses and curriculum, methods and techniques of instruction, evaluation of programs and students, and in the coordination of cooperative experience education programs.~~

(1) Completion of 24 semester credit hours in agriculture and agriculture education to include:

1. Foundations of vocational and career education.
2. Planning and implementing courses and curriculum.
3. Methods and techniques of instruction to include evaluation of programs and students.
4. Coordination of cooperative education programs.
5. Coursework in each of the following areas and at least 3 semester credit hours in five of the

following areas:

- Agribusiness systems;
- Power, structural, and technical systems;
- Plant systems;
- Animal systems;
- Natural resources systems;
- Environmental service systems; and
- Food products and processing systems.

(2) One thousand hours of work experience in one or more of the areas listed in 17.1(1)"e."

[Filed 11/25/09, effective 1/20/10]

[Published 12/16/09]

EDITOR'S NOTE: For replacement pages for IAC, see IAC Supplement 12/16/09.